

ABSTRACT

A plurality of the ignition devices are connected to an ignition control system via a common bus. The ignition devices are selectively operable for actuating a plurality of airbag devices by means of electrical energy and an electrical signal supplied from the ignition control system. Each ignition device includes an ignition package formed integrally from a communication/ignition circuit and an ignition element provided on a silicon chip. Not only can the dimensions of the ignition device be reduced in comparison with a case in which the communication/ignition circuit and the ignition element are separately provided, but also wiring between the communication/ignition circuit and the ignition element can be completed beforehand when the ignition device is produced, thereby decreasing the number of wiring steps during assembly with the ignition control system.